Attorney's Docket No.: 42390.P9734 **PATENT**

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (FOR **INTEL CORPORATION** PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original. first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FACILITATING DIRECT ACCESS TO A SERIAL ATA DEVICE BY

AN AUTONOMOUS SUBSYSTEM the specification of which is attached hereto. was filed on (MM/DD/YYYY) _ United States Application Number ___ or PCT International Application Number___ and was amended on (MM/DD/YYYY) (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Priority Prior Foreign Application(s) Claimed (Number) (Country) (Foreign Filing Date -Yes No MM/DD/YYYY) (Number) (Country) (Foreign Filing Date -No Yes MM/DD/YYYY) (Country)

INTEL CORPORATION

(Number)

Rev. 10/01/00 (D3 INTEL)

Yes

(Foreign Filing Date -

MM/DD/YYYY)

Application Number	(Filing Date – MM/DD/Y	YYY)
Application Number	(Filing Date – MM/DD/Y	YYY)
application(s) listed below a is not disclosed in the prior of Title 35, United States C known to me to be materia	and, insofar as the subject matter United States application in the mode, Section 112, I acknowledge to patentability as defined in Title available between the filing date	, Section 120 of any United States of each of the claims of this application nanner provided by the first paragraph the duty to disclose all information of the prior application and the national
Application Number	(Filing Date – MM/DD/YYYY)	Status patented, pending, abandoned
Application Number	(Filing Date – MM/DD/YYYY)	Status patented, pending, abandoned
part of this document) as number that the contraction and revocation	ny respective patent attorneys and , to prosecute this application and	nich is incorporated by reference and a
part of this document) as no substitution and revocation and Trademark Office conf Send correspondence to ZAFMAN LLP, 12400 Wilstelephone calls to John F	ny respective patent attorneys and to prosecute this application and nected herewith. John P. Ward (Name of Attorney or Agent) Shire Boulevard 7th Floor, Los A	nich is incorporated by reference and a I patent agents, with full power of
part of this document) as means and Trademark Office contends and Trademark I set to John Formall Market I hereby declare that all set to I hereby	ny respective patent attorneys and to prosecute this application and nected herewith. John P. Ward (Name of Attorney or Agent) Shire Boulevard 7th Floor, Los A. Ward ne of Attorney or Agent) tatements made herein of my ormation and belief are believed ith the knowledge that willful fa imprisonment, or both, under Sch willful false statements may j	nich is incorporated by reference and a patent agents, with full power of I to transact all business in the Patent _, BLAKELY, SOKOLOFF, TAYLOR of Angeles, California 90025 and direct B) 720-8300. which is incorporated by reference and a patent of the like so made Section 1001 of Title 18 of the United in the section in the like so made is a patent of the like so made section 1001 of Title 18 of the United in the like so made is a patent of the like so made section 1001 of Title 18 of the United in the like so made is a patent of the like so made section 1001 of Title 18 of the United in the like so made is a patent of the like so made section 1001 of Title 18 of the United in the like so made is a patent of the like so made section 1001 of Title 18 of the United in the like so made is a patent of the like so made section 1001 of Title 18 of the United in the like so made section is a patent of the like so made section in the patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like so made section is a patent of the like secti
coart of this document) as meaning the substitution and revocation and Trademark Office constant Trademark Trademark Indicate the second Trademark Indicate Trademark In	ny respective patent attorneys and to prosecute this application and nected herewith. John P. Ward (Name of Attorney or Agent) Shire Boulevard 7th Floor, Los A. Ward ne of Attorney or Agent) tatements made herein of my ormation and belief are believed ith the knowledge that willful fa imprisonment, or both, under Sch willful false statements may j	nich is incorporated by reference and a patent agents, with full power of to transact all business in the Patent , BLAKELY, SOKOLOFF, TAYLOR & Angeles, California 90025 and direct 3) 720-8300. The knowledge are true and that all to be true; and further that these lise statements and the like so made Section 1001 of Title 18 of the United eopardize the validity of the
coart of this document) as meant of this document) as meant Trademark Office contends of the correspondence to ZAFMAN LLP, 12400 Wilstelephone calls to John F (National Interest) declare that all statements made on information or any patent of Sole/First Inv	y respective patent attorneys and to prosecute this application and nected herewith. John P. Ward (Name of Attorney or Agent) chire Boulevard 7th Floor, Los Area (408) me of Attorney or Agent) tatements made herein of my ormation and belief are believed ith the knowledge that willful false statements may justiced thereon.	nich is incorporated by reference and a patent agents, with full power of to transact all business in the Patent _, BLAKELY, SOKOLOFF, TAYLOR angeles, California 90025 and direct 3) 720-8300. We knowledge are true and that all to be true; and further that these lise statements and the like so made Section 1001 of Title 18 of the United eopardize the validity of the
part of this document) as meant of this document) as meant and Trademark Office contends of the contends of th	ny respective patent attorneys and to prosecute this application and nected herewith. John P. Ward (Name of Attorney or Agent) shire Boulevard 7th Floor, Los Area (408 me of Attorney or Agent) tatements made herein of my ormation and belief are believed ith the knowledge that willful far imprisonment, or both, under she willful false statements may justice thereon. enter David S. Bormann	nich is incorporated by reference and a patent agents, with full power of to transact all business in the Patent , BLAKELY, SOKOLOFF, TAYLOR & Angeles, California 90025 and direct 3) 720-8300. We knowledge are true and that all to be true; and further that these lse statements and the like so made Section 1001 of Title 18 of the United eopardize the validity of the
part of this document) as multiple and revocation and revocation and revocation and Trademark Office constant of the constant	ny respective patent attorneys and to prosecute this application and nected herewith. John P. Ward (Name of Attorney or Agent) Shire Boulevard 7th Floor, Los A. Ward ne of Attorney or Agent) tatements made herein of my ormation and belief are believed ith the knowledge that willful faimprisonment, or both, under Sch willful false statements may justice thereon. entor David S. Bormann fornia City, State)	hich is incorporated by reference and a patent agents, with full power of to transact all business in the Patent, BLAKELY, SOKOLOFF, TAYLOR Angeles, California 90025 and direct, and further that all to be true; and further that these lse statements and the like so made Section 1001 of Title 18 of the United eopardize the validity of the

Full Name of Second/Joint Inventor Chao-Hsin Chi	
Inventor's Signature	Date
Residence San Jose, California (City, State)	Citizenship <u>Taiwan</u> (Country)
Post Office Address <u>3640 Compton Lane</u> San Jose, California 95130	
Full Name of Third/Joint Inventor Frank P. Hart	
Inventor's Signature	Date
Residence Apex, North Carolina (City, State)	Citizenship <u>USA</u> (Country)
Post Office Address 2004 Jerimouth Drive Apex, North Carolina 27502	
Full Name of Fourth/Joint Inventor Edward J. Pole II	
Inventor's Signature	Date
Residence(City, State)	Citizenship USA (Country)
Post Office Address	, ,,,
Full Name of Fifth/Joint Inventor Dong Tieu	
Inventor's Signature	Date
Residence(City, State)	Citizenship <u>USA</u> (Country)
Post Office Address	

APPENDIX A

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Libby N. Ho, Reg. No. 46,774; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd. Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; George Brian Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Robert G. Litts, Reg. No. 46,876; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42.036: Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. 45,750; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Tom Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; Justin M. Dillon, Reg. No. 42,486; Thomas S. Ferrill, Reg. No. 42,532; and Raul Martinez, Reg. No. 46,904, my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Edward R. Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; John N. Greaves, Reg. No. 40,362; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Peter Lam, Reg. No. 44,855; Charles A. Mirho, Reg. No. 41,199; Leo V. Novakoski, Reg. No. 37,198; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Gene I. Su, Reg. No. 45,140; Calvin E. Wells, Reg. No. P43,256, Raymond J. Werner, Reg. No. 34,752; Robert G. Winkle, Reg. No. 37,474; Steven D. Yates, Reg. No. 42,242; and Charles K. Young, Reg. No. 39,435; my patent attorneys, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

APPENDIX B

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.